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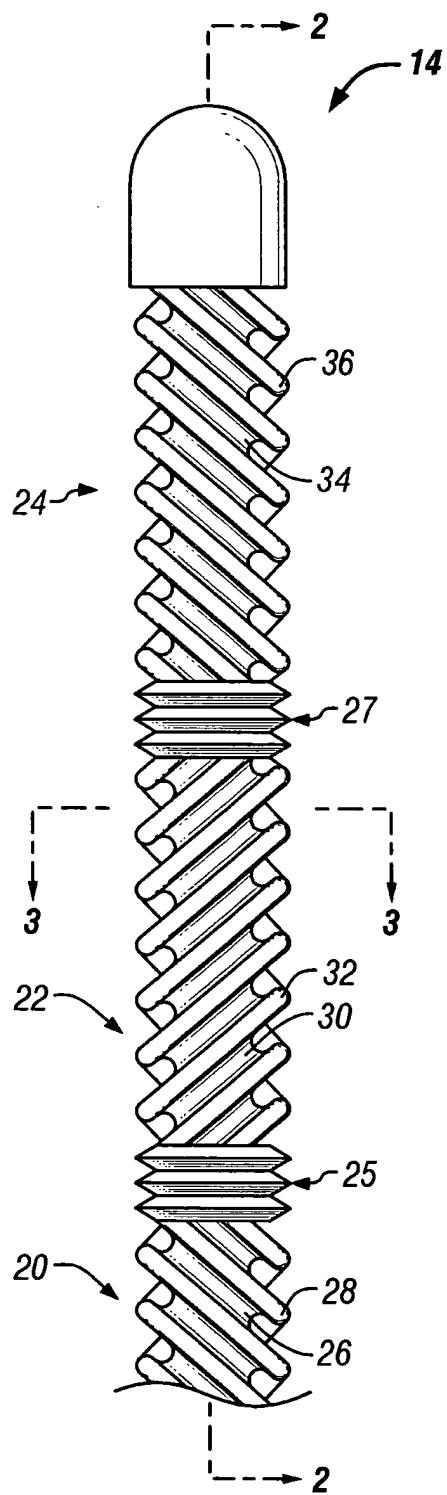


FIG. 1

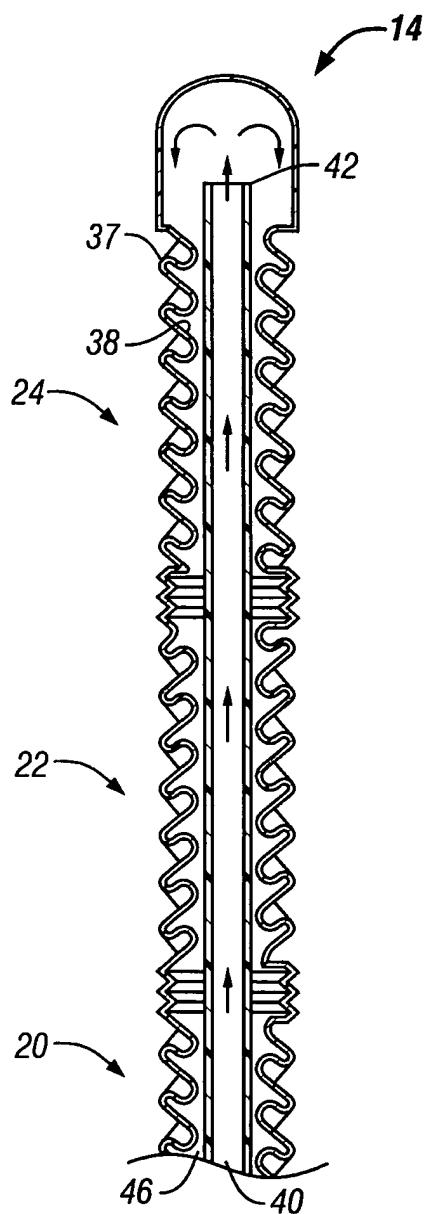


FIG. 2

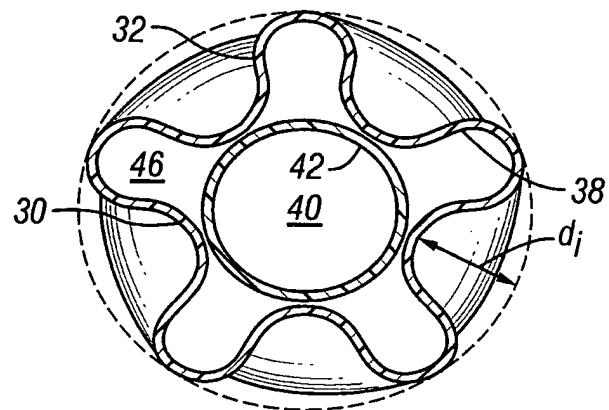
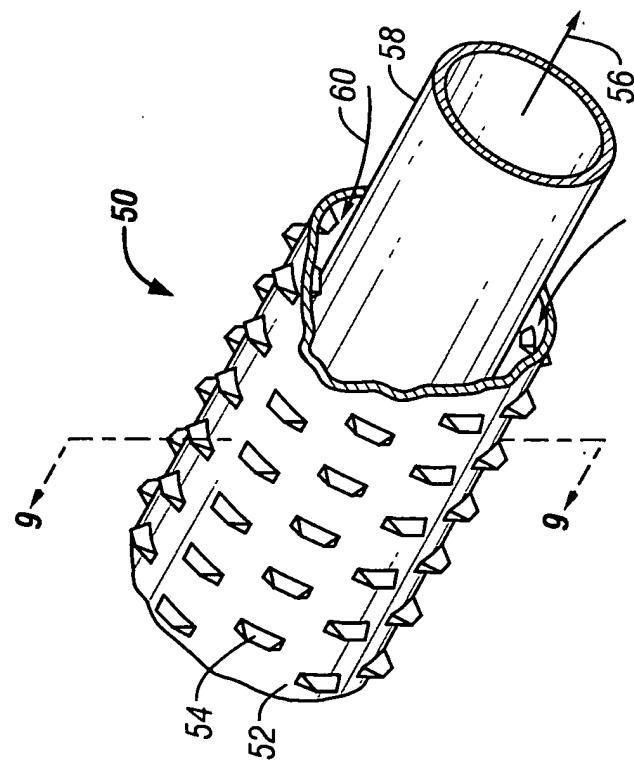
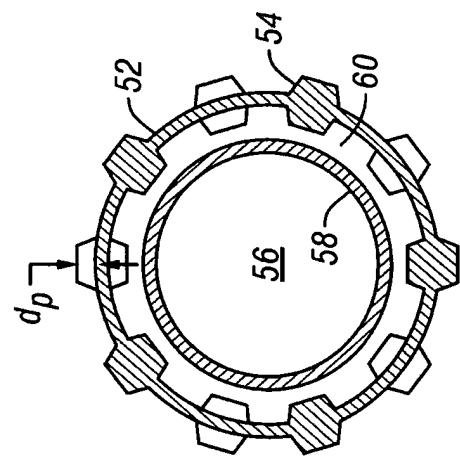


FIG. 3



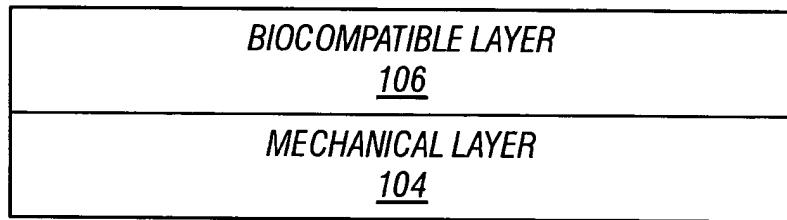


FIG. 6

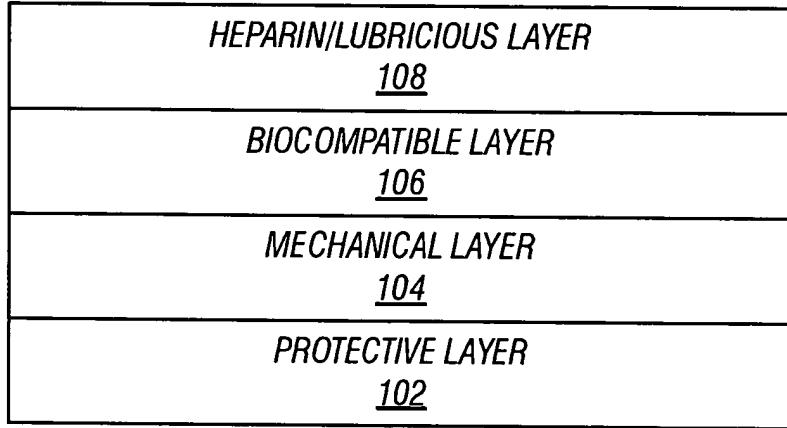


FIG. 7

HEPARIN/LUBRIFICIOUS LAYER

108

BIOCOMPATIBLE LAYER

106

MECHANICAL LAYER

104c

MECHANICAL LAYER

104b

MECHANICAL LAYER

104a

MECHANICAL
LAYER
104

PROTECTIVE LAYER

102

FIG. 8

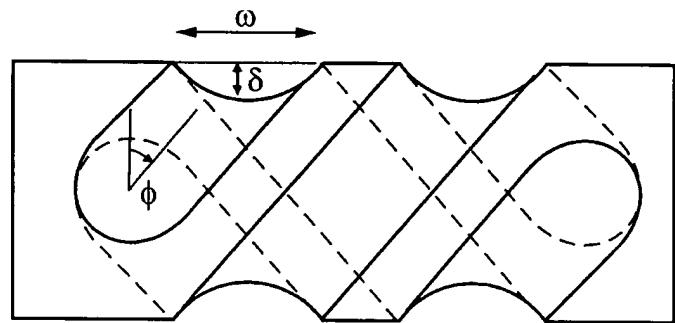


FIG. 9

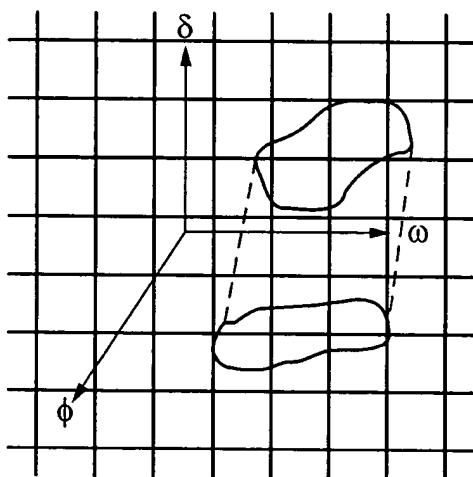


FIG. 10

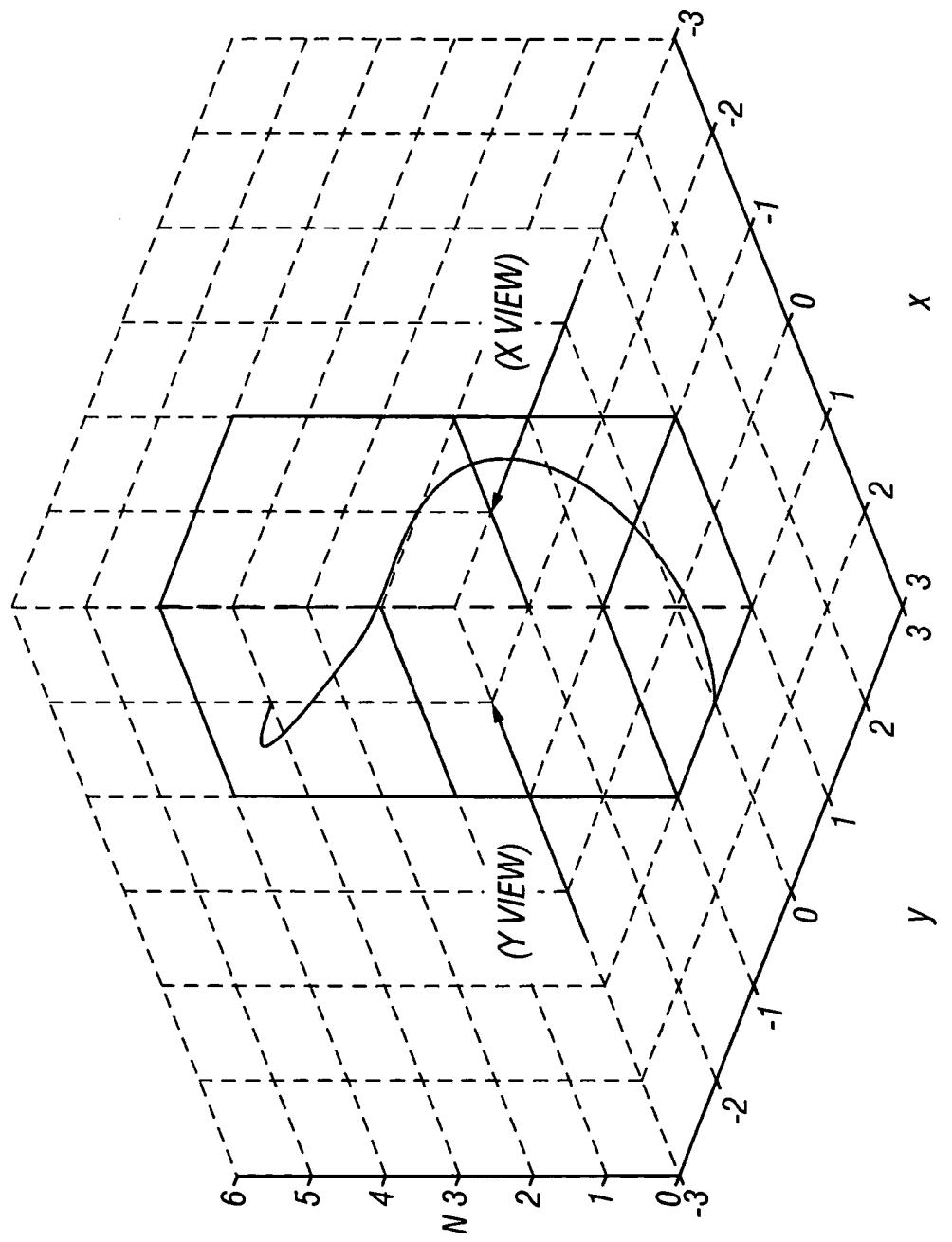


FIG. 11

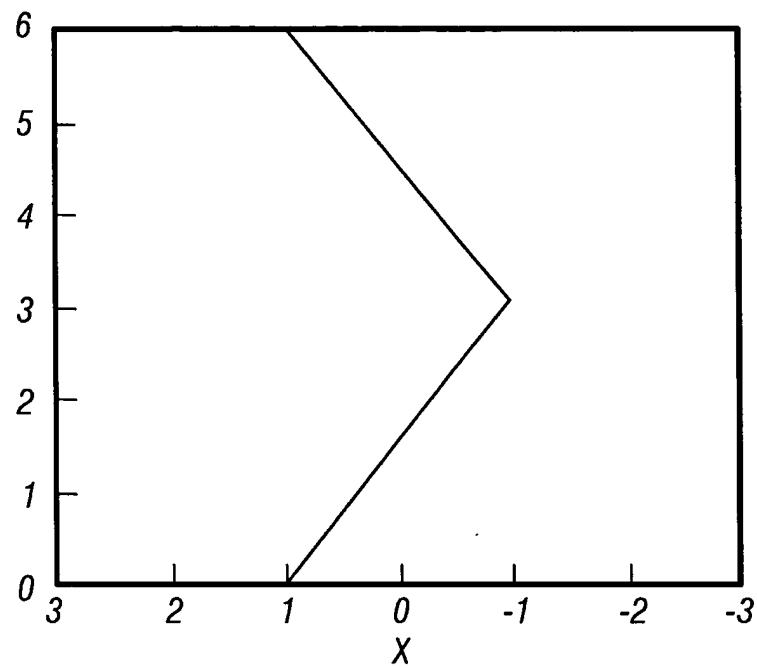


FIG. 12

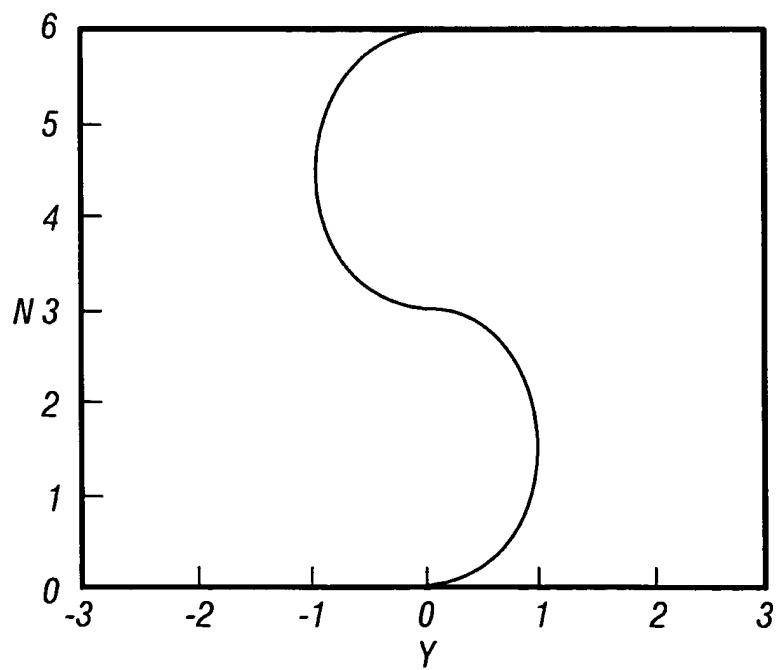


FIG. 13

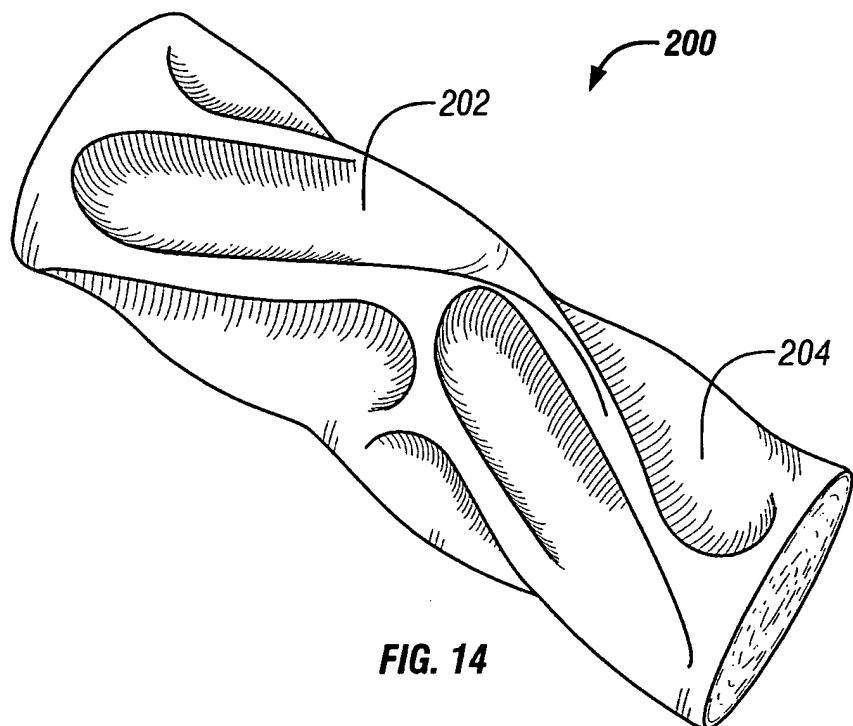


FIG. 14

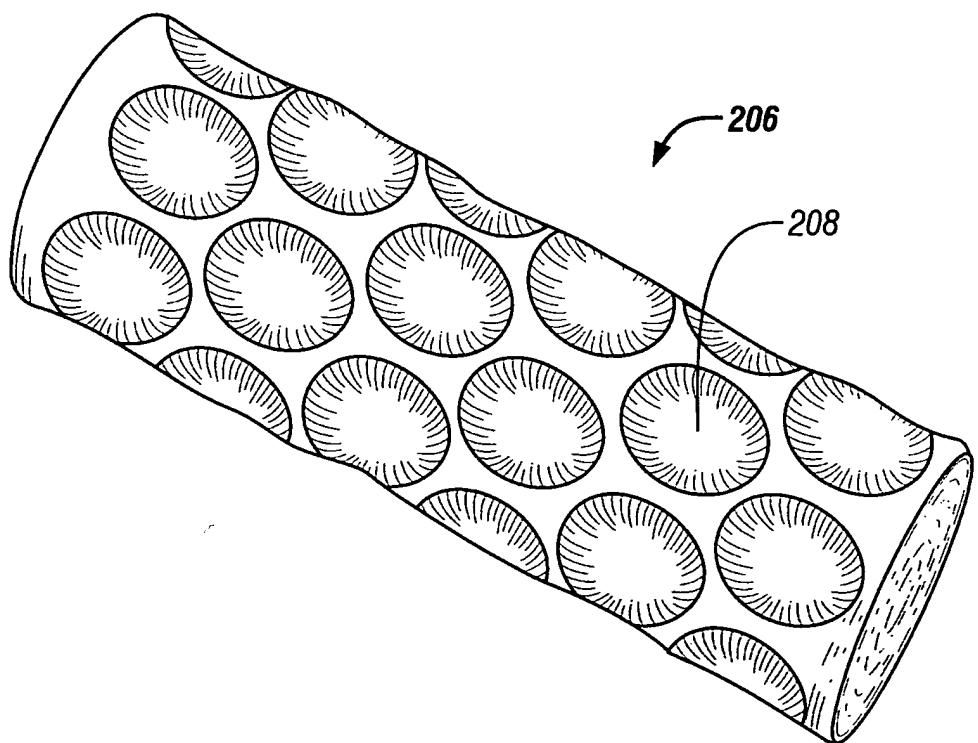


FIG. 15

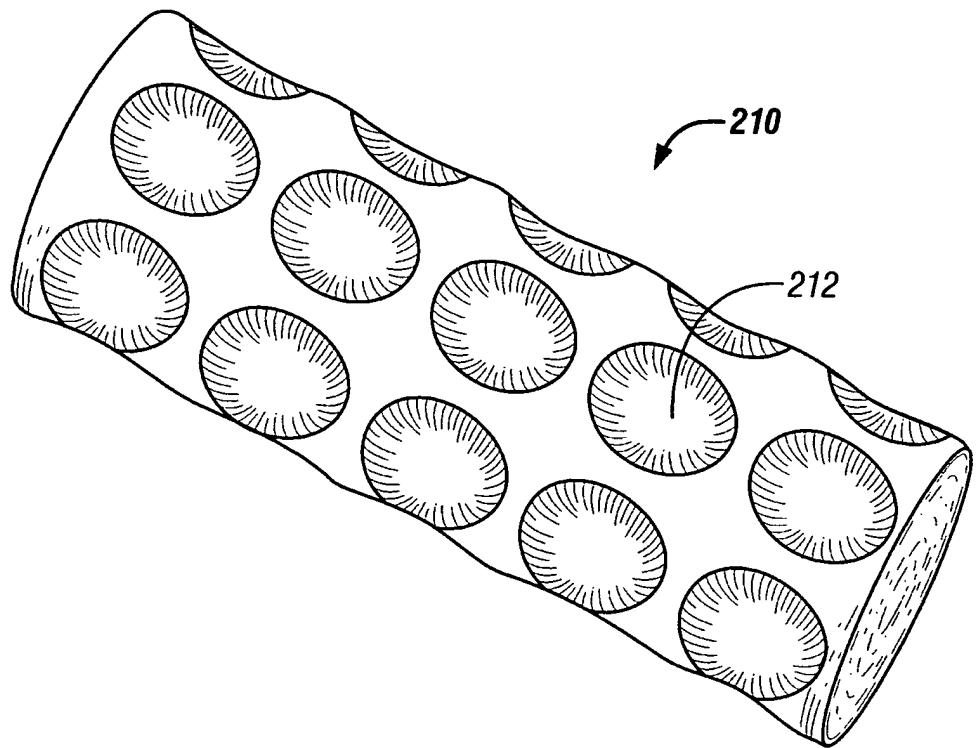


FIG. 16

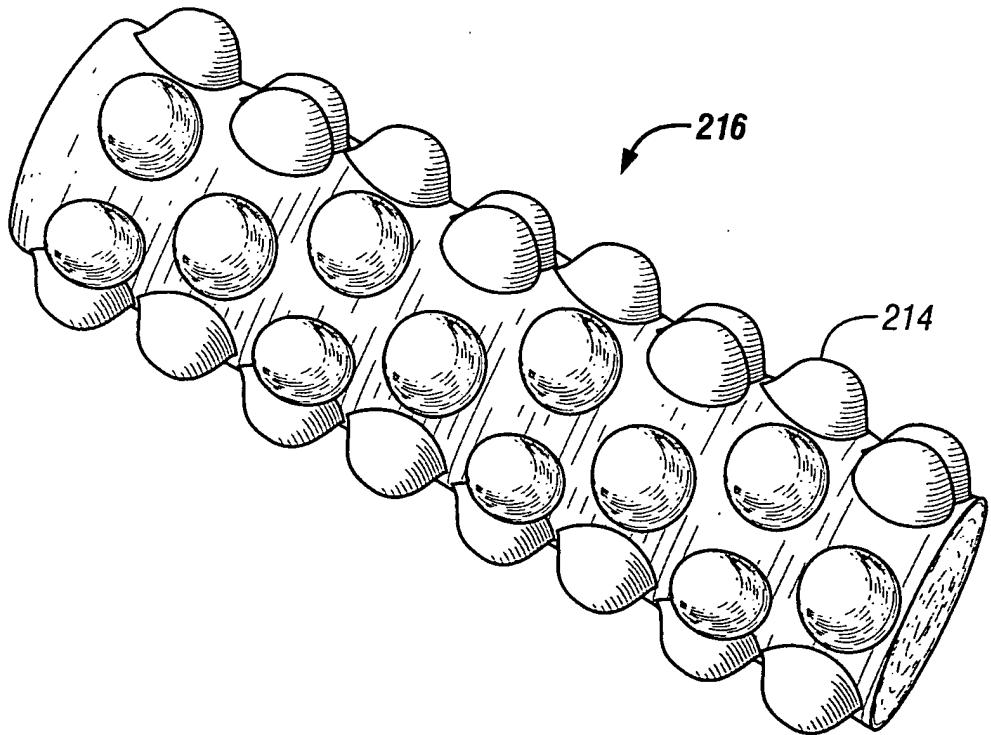


FIG. 17

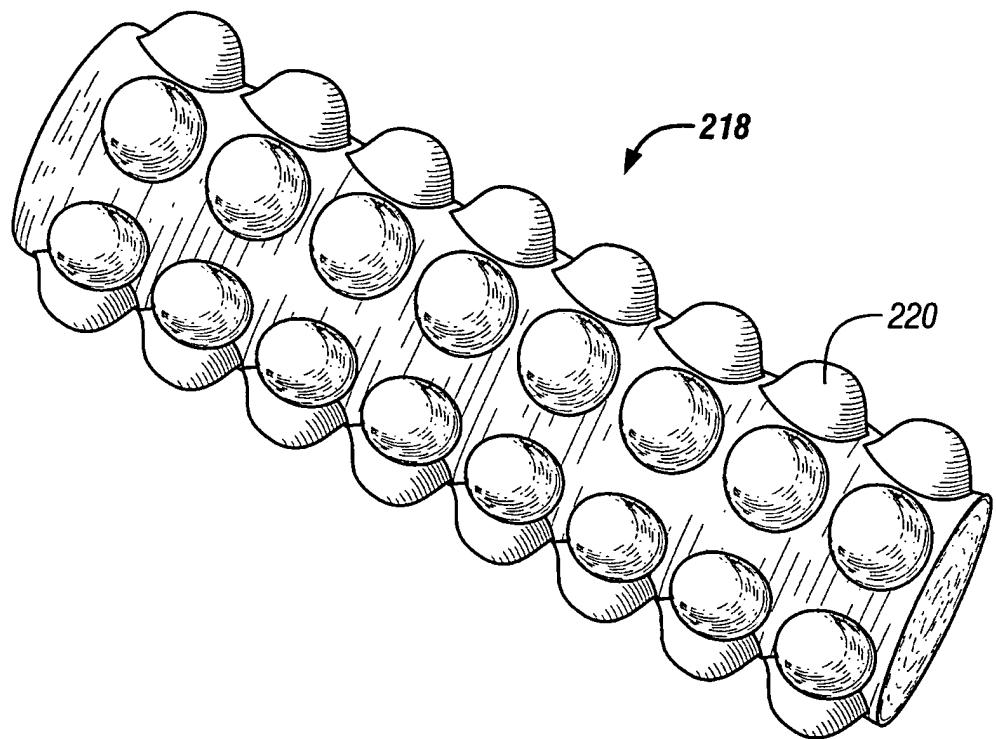


FIG. 18

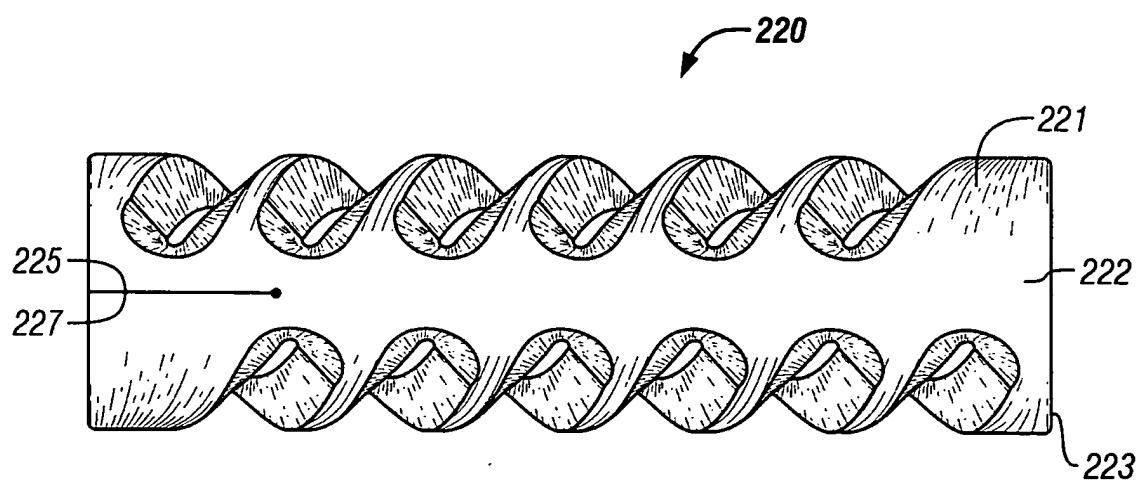
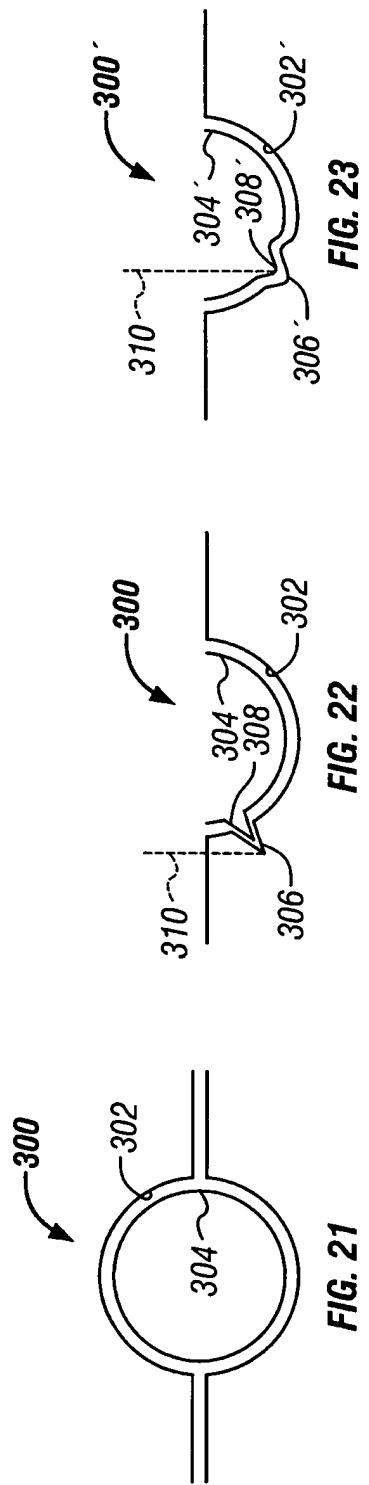
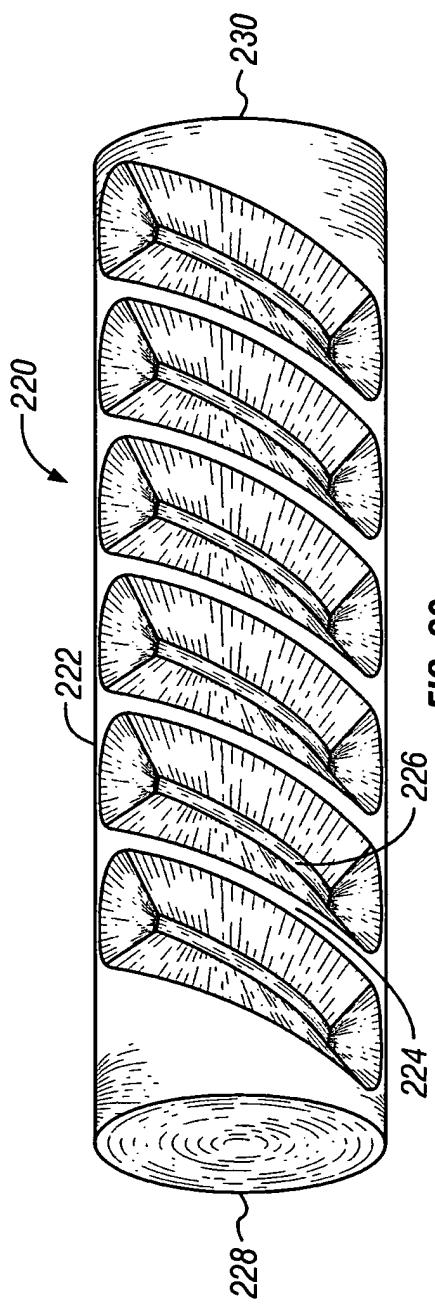


FIG. 19



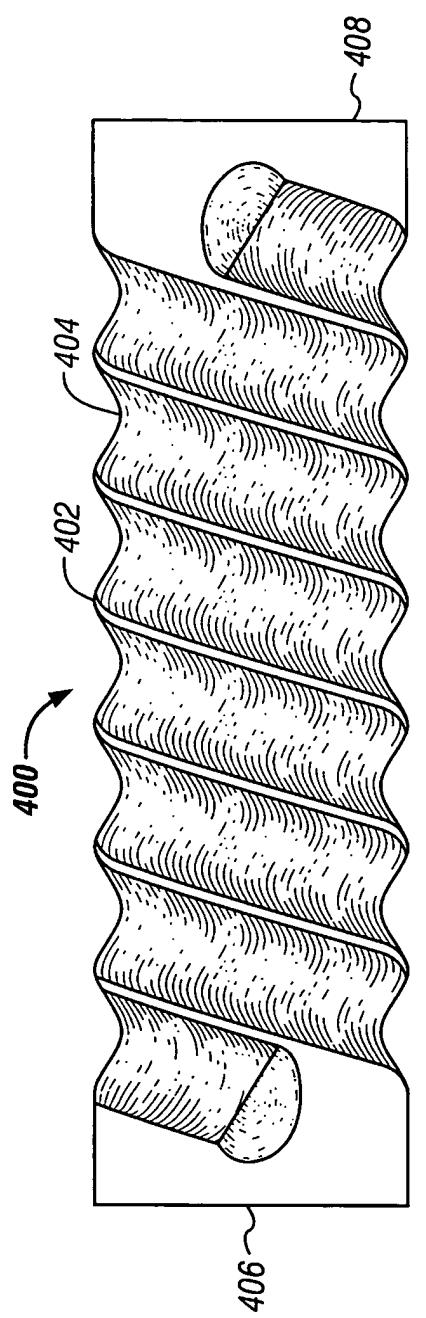


FIG. 24

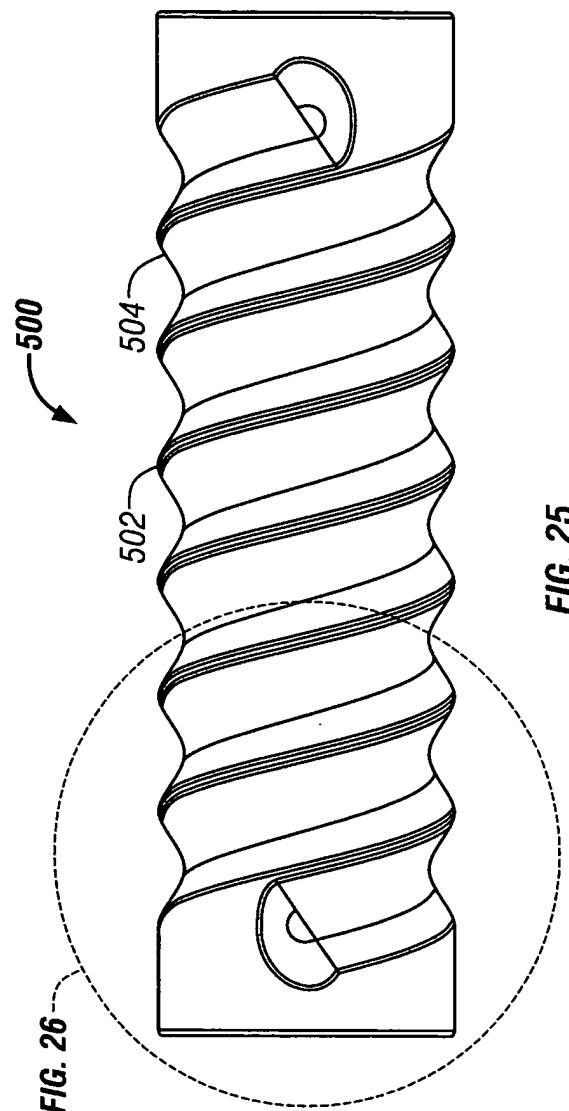


FIG. 26

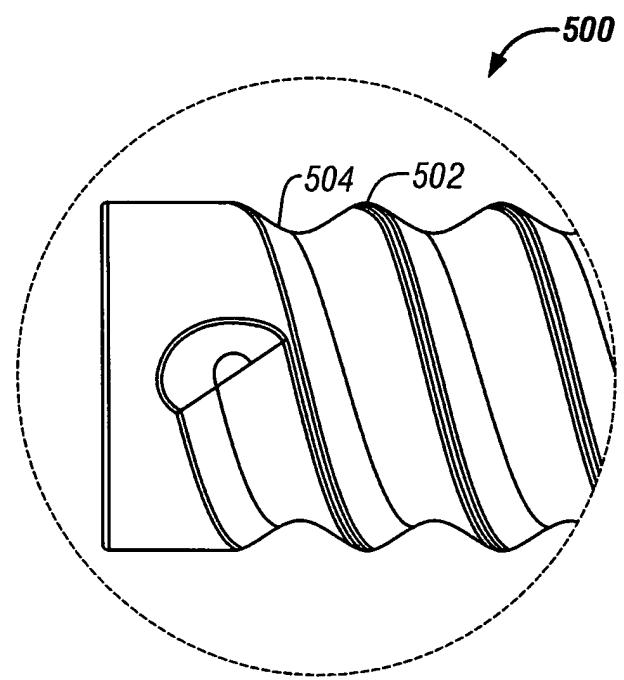


FIG. 26

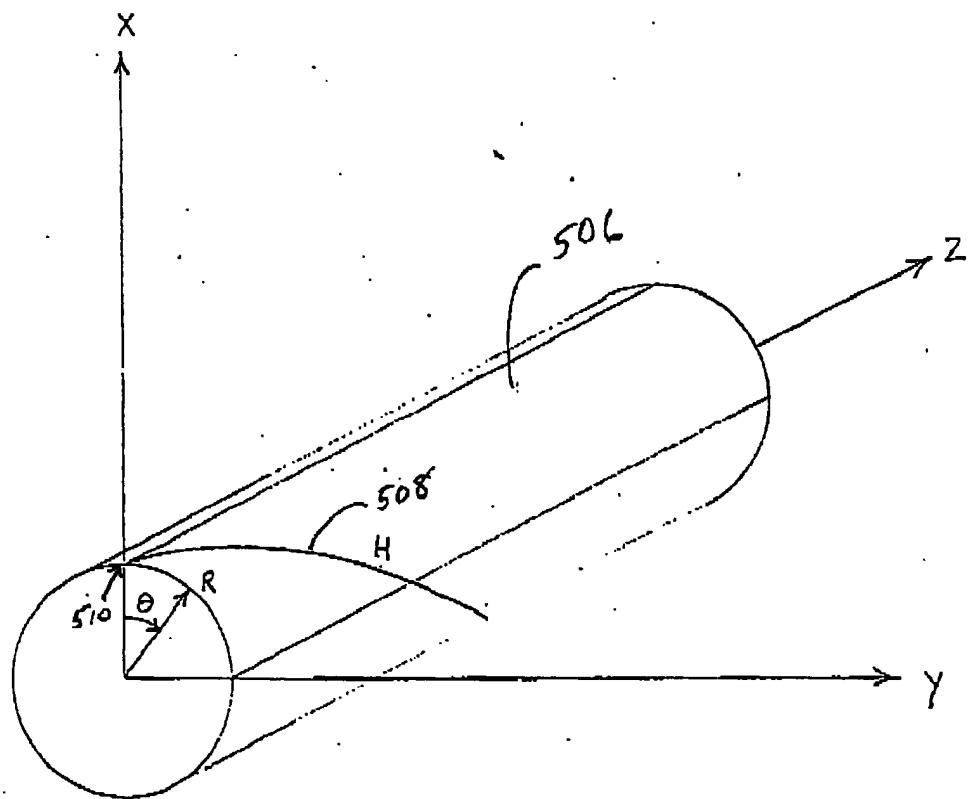


Fig. 27

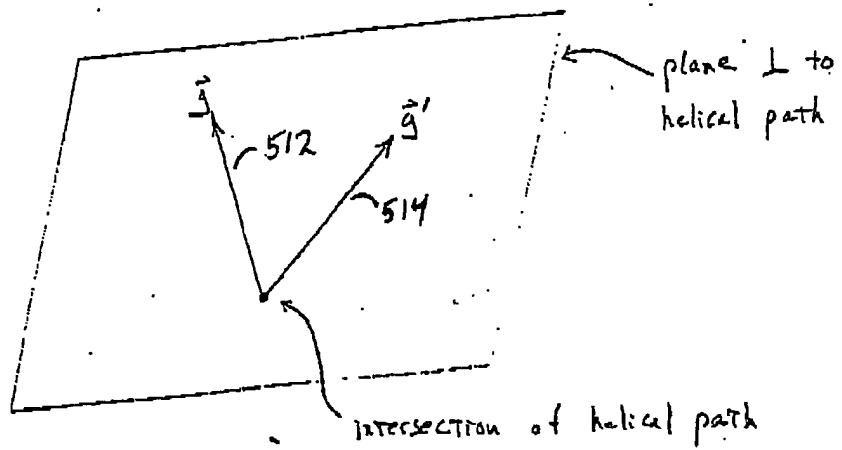


Fig. 28

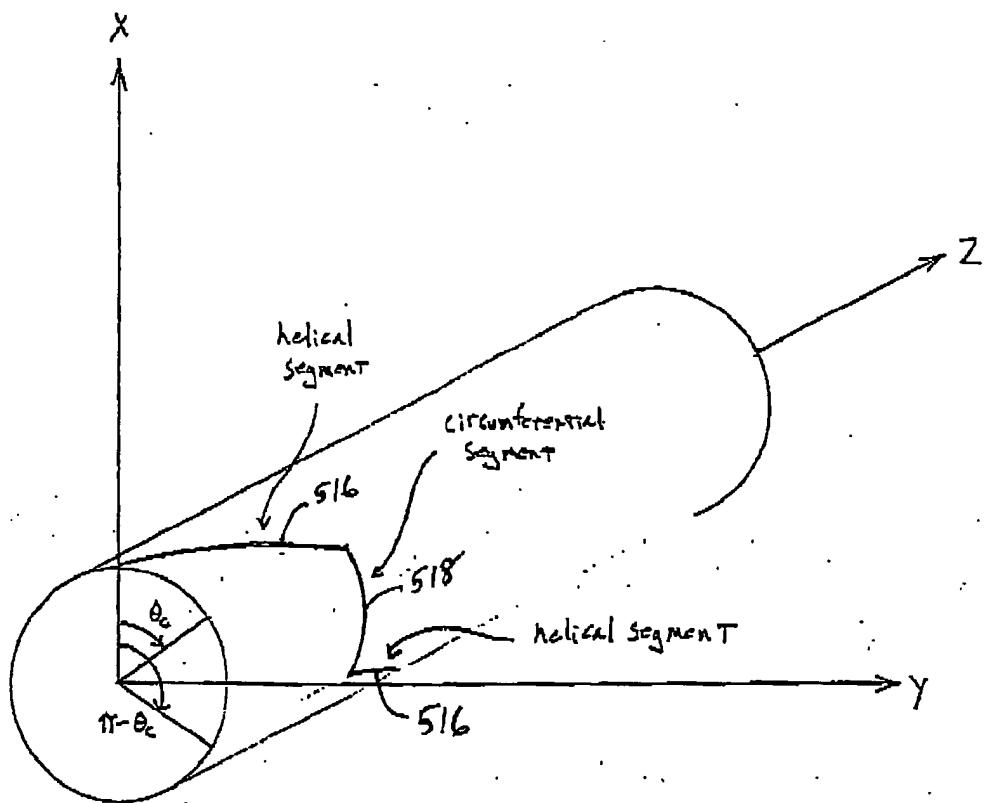


Fig. 29

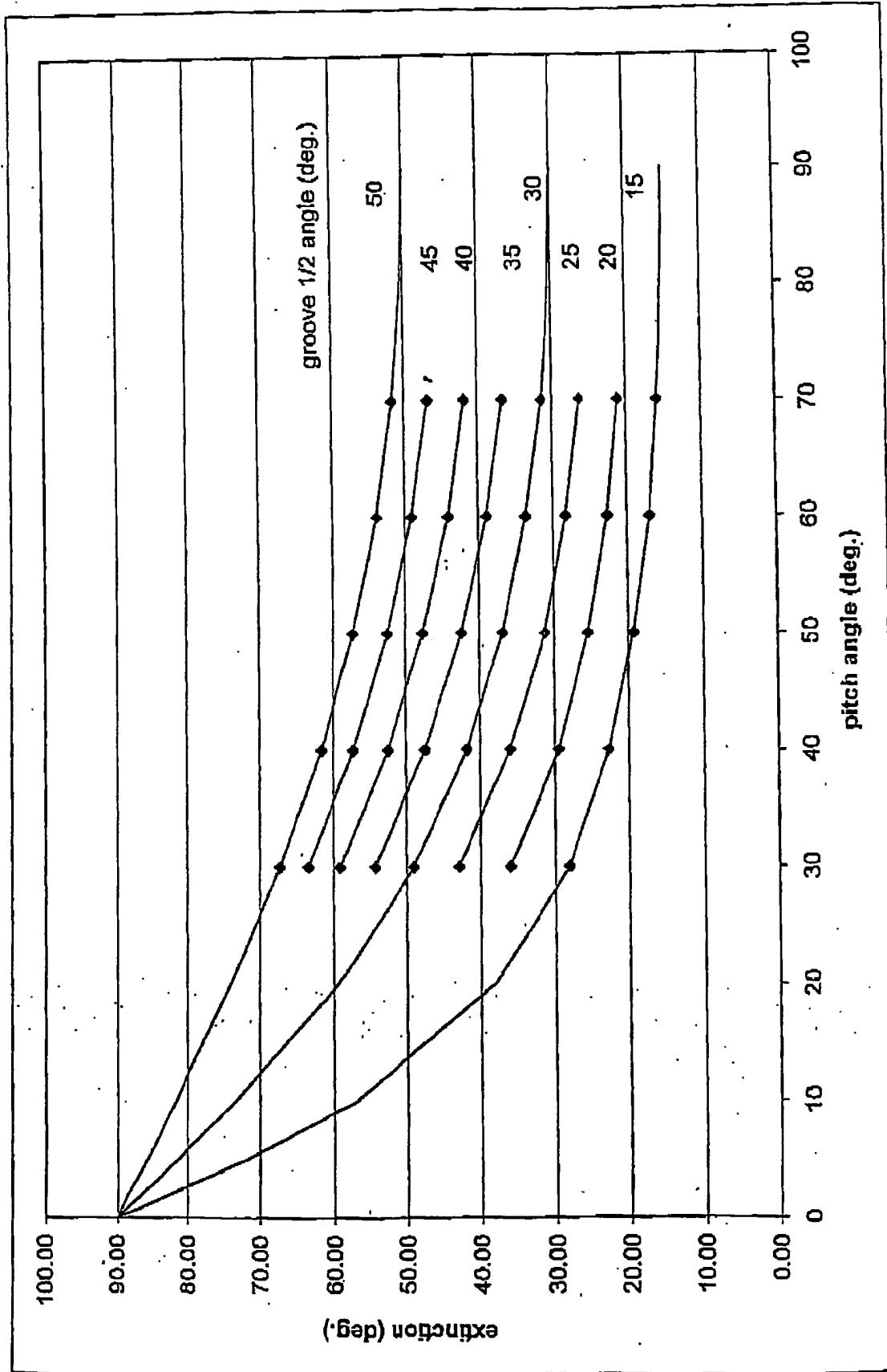


Fig. 30

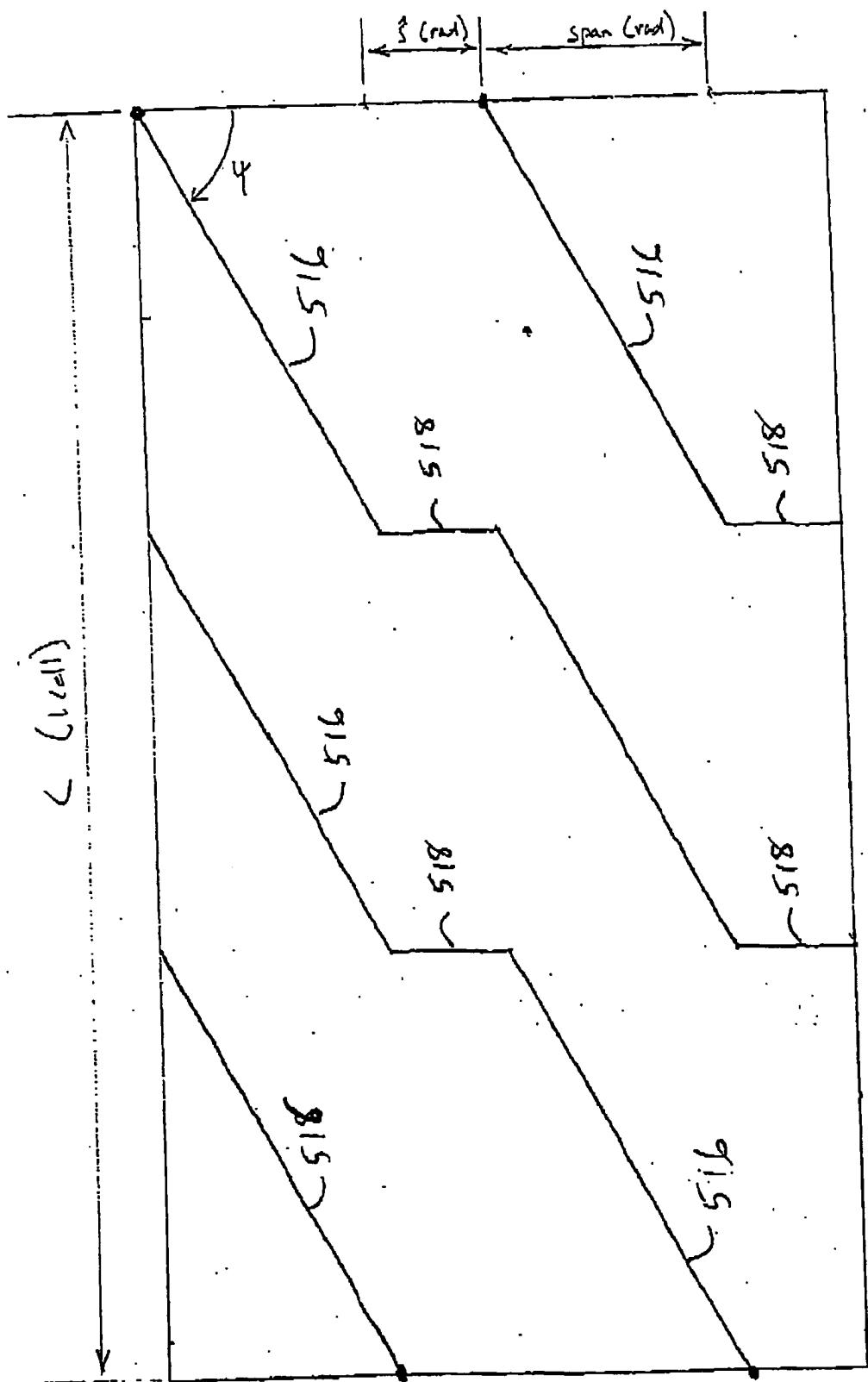


Fig. 31

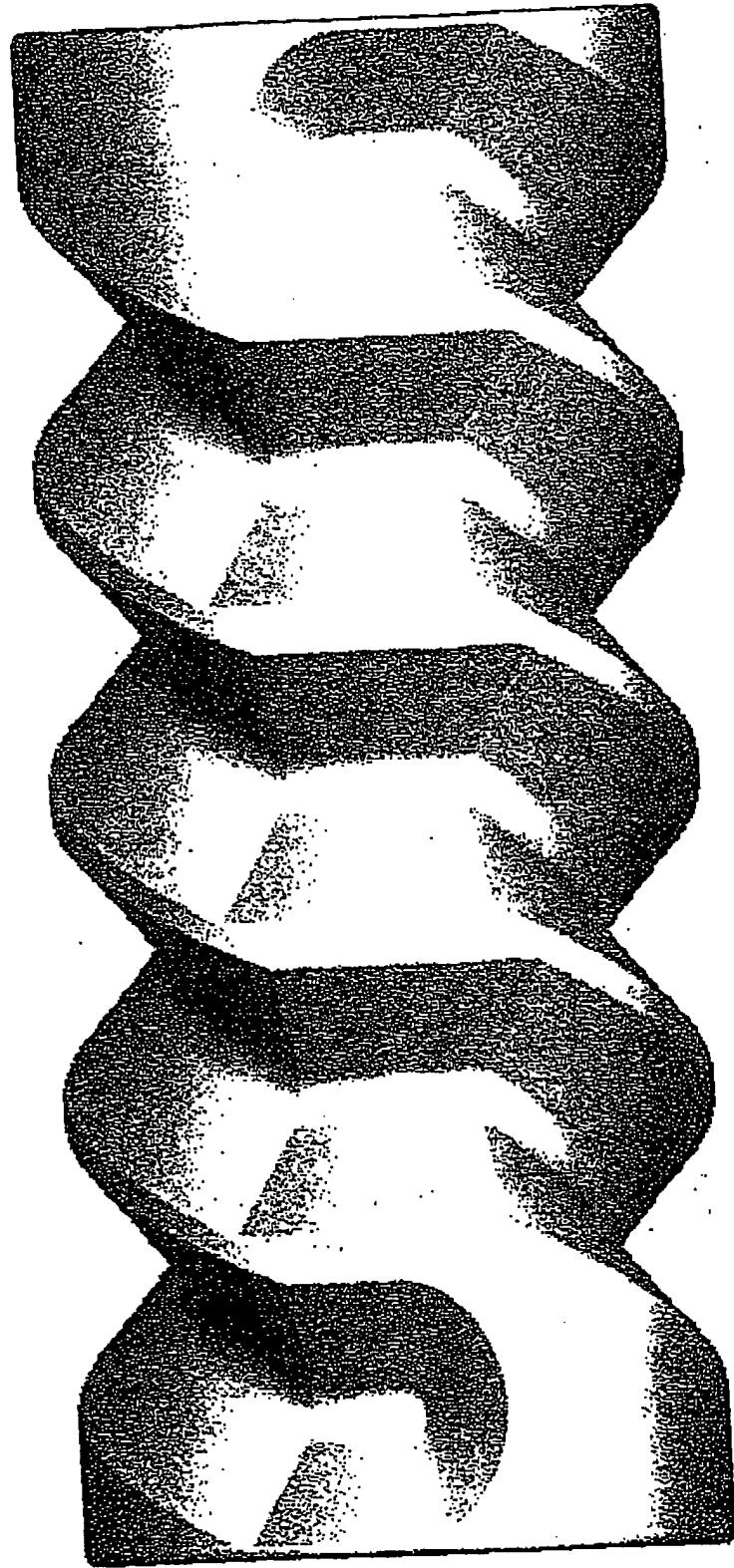


Fig. 32

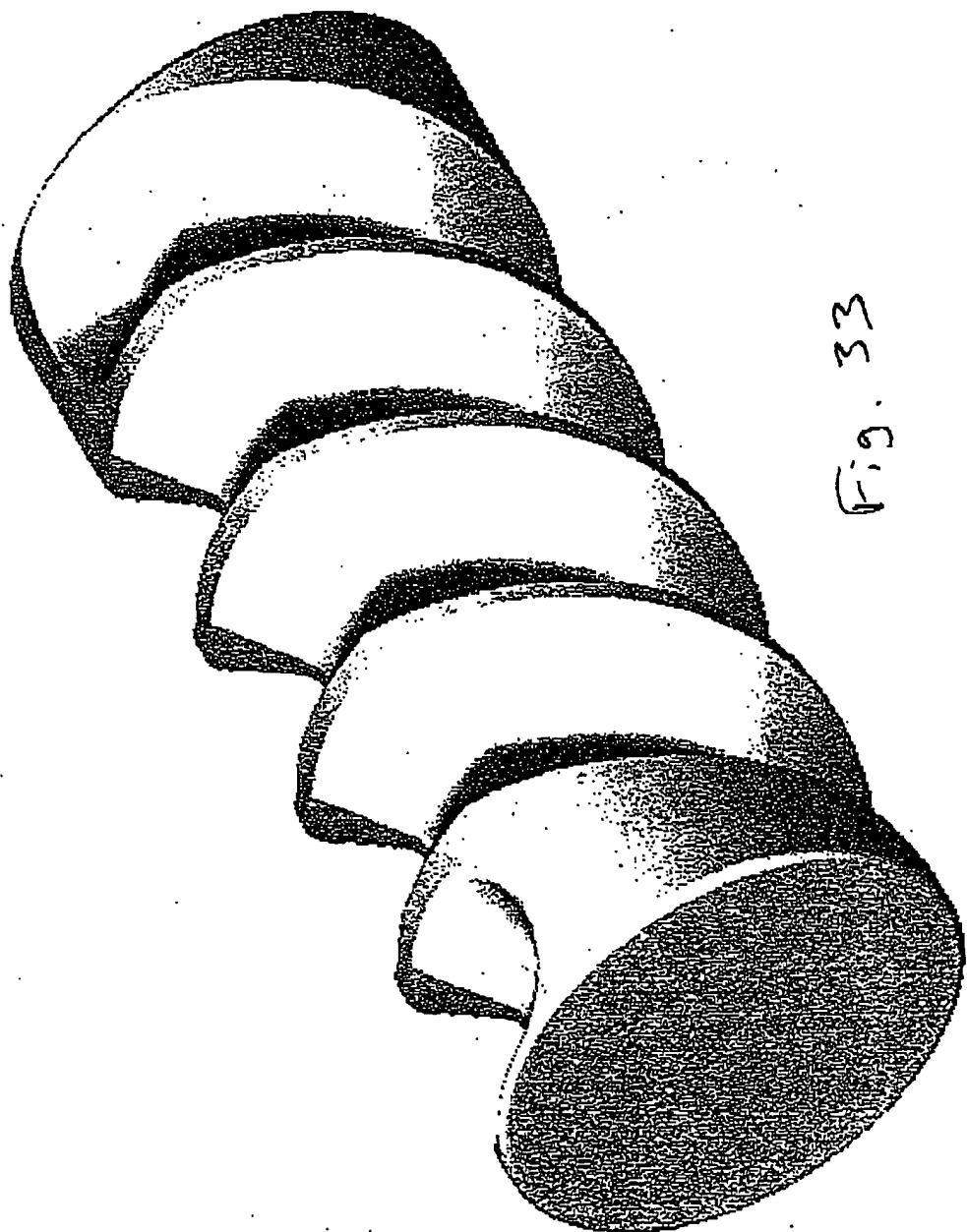


Fig. 33